COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Straight Creek TDS Wasteload Report 2017-Q2

07-01-2016 to 06-30-2017

Watershed Information

Stressor:	TDS	Watershed Acres:	17,750
Wasteload Allocation:	180,000	Watershed Permits:	9
EPA TMDL Approval Date:	6/8/2006	Watershed Outfalls:	31

Watershed Wasteload and Reduction Summary[1]

	Pre-TMDL Wasteloads[2]	Post-TMDL Wasteloads[3]	Total
Wasteload Allocation Available [4]	180,000	0	180,000
Wasteload[5]	1,193,964	0	1,193,964
Wasteload Balance	-1,013,964	0	-1,013,964
Wasteload Reduction Required[6]	1,013,964	0	1,013,964
Percent Reduction Required[7]	84.9 %	0.0 %	84.9 %

[1] Wasteload units are in kg/year unless otherwise noted.
[2] Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.
[3] Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.
[4] The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.
[5] Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.
[6] In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.
[7] The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary[8]

Permit Number	Pre-TMDL Wasteload[9]	Pre-TMDL Reduction Required[10]	Post-TMDL Wasteload[11]	Post-TMDL Reduction Required[12]	Total Wasteload	Total Wasteload Reduction Required
1301411	655,214	556,435	0	0	655,214	556,435
1202026	66,071	56,110	0	0	66,071	56,110
1402024	279,336	237,224	0	0	279,336	237,224
1202025	1,252	1,063	0	0	1,252	1,063
1202027	5,085	4,318	0	0	5,085	4,318
1202075	2,886	2,451	0	0	2,886	2,451
1202076	0	0	0	0	0	0
1102077	2,270	1,928	0	0	2,270	1,928
1202224	181,851	154,435	0	0	181,851	154,435
Total	**1,193,964**	**1,013,964**	**0**	**0**	**1,193,964**	**1,013,964**

[8] Wasteload units are in kg/year unless otherwise noted.
[9] The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.
[10] Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.
[11] The wasteload
[12] Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.